



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RB23006782
Job Sheet 172911



Handwritten: A-AP- Rush 11/5/18
shd no later than Nov 15

Part No: RB23006782

Job Qty: 6 ea

Part Name: Adapter, Torque Turbine Attach Lower Nut



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 2/22/18

Job Tracking No:

Due Date: 10/9/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RB23006782 REV D IPP REV A 18.02.21 NEW ISSUE FK VERIFY DP

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	6 Ea	10/9/18	10/9/18	0.00	0.00	Start Up Small Fab-4		
95	HandFinish	6 pcs	10/9/18	10/9/18	0.00	0.60	HandFinish7		MAD 18-10-31
100	Small Fab	6 pcs	10/9/18	10/9/18	0.00	6.00	Small Fab-9		MCC DAS 38
110	QC	6 pcs	10/9/18	10/9/18	0.00	0.00	QC5		9-89
120	Large Fab	6 pcs	10/9/18	10/9/18	0.00	3.00	Large Fab 1		DYC 18-11-08
140	QC	6 pcs	10/9/18	10/9/18	0.00	0.00	QC9		CPL
152	Small Fab	6 pcs	10/9/18	10/9/18	0.00	0.00	Small Fab-1		MCC DAS
154	QC	6 pcs	10/9/18	10/9/18	0.00	0.00	QC5		NOV 12 2018 68
156	Outsource	6 pcs	10/9/18	10/9/18			GRO002-VC	10	9-89
158	Packaging	6 pcs	10/9/18	10/9/18	0.00	0.00	Packaging2		NOV 12 2018 38
162	QC	6 pcs	10/9/18	10/9/18	0.00	0.00	QC6		2-80
210	Packaging	6 pcs	10/9/18	10/9/18	0.00	0.00	Packaging3-1		MCC
220	QC21-FG	6 Ea	10/9/18	10/9/18	0.00	0.00	QC21		NOV 15 2018 21

Part Op 95 - Bead blast remove all chrome on socket and wrench.

Descriptions: 100 - 1-HEAT and form wrench as per DWG using press. 2-Cut wrench as per DWG prior to welding.

120 - 1-Weld socket as per DWG using stainless rod

152 - 1- Buff welds and wrench using wire wheel 2- Engrave T/N and/or P/N number using MARKTRONIC engraver as per DWG.

156 - -Issue P/O to Groupe Altech: P/O 041623 -Zinc plate, ASTM B633 TYPE 2 SC2 -Color YELLOW -Certificate of Conformity is required

210 - Bag and tag

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
FS121	Snap-On Socket, Shallow, 3/8", 6-Point	6 Ea (1 ea)	90-Start up Operation	5116281x4 5082786
OEX120B	Wrench	6 Ea (1 ea)	90-Start up Operation	5163330x4 x2

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	FS121	6	13	0
	OEX120B	6	9	0



17 OCT 1964

140

36

00.0

100 1000

Part Specifications
Specifications could not be found.

Plex 10/31/18 11:22 AM dart.lacelle.linda

AEROSPACE

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

2. Once the problem is identified, the next step is to define the objectives and goals of the project. This helps to clarify what needs to be achieved and provides a clear direction for the work.

3. The third step is to develop a plan or strategy to address the problem. This involves breaking down the problem into smaller, manageable tasks and determining the resources needed to complete them.

4. The fourth step is to implement the plan. This involves putting the strategy into action and monitoring progress to ensure that the objectives are being met.

5. The final step is to evaluate the results of the project. This involves assessing the outcomes against the objectives and identifying any areas for improvement or further action.

Job No: 172911

Revision: D

Inspector:

Exp Date:

Instructions:

Hawkesbury, ON K64 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 10/31/18

JOB NUMBER
01-4905-A (4905-A) *id*

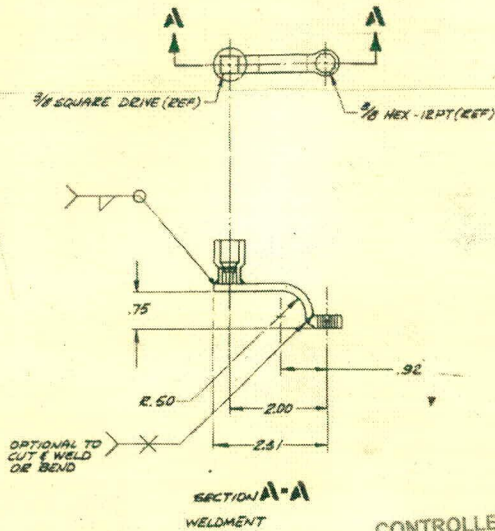
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01-4697
CONTROLLED DOCUMENT

JOB NUMBER
01-4849-A

05-08-14 W
08-27-13 W
04-12-13 W
4-50-12 X
5-16-12 L
RELEASED FOR PRO
DATE 7/9/07 INT
18/10/07 B
7/3/08
7/28/07
12/10/07

PERSON							
LT#	DESCRIPTION	DATE	AUTH	INITIALS	OR	CO	VA

SHOP COPY



NOTES

1. MARK AS SPECIFIED IN LOCATION SHOWN WITH 1/8 - 3/16 HIGH FIGURES. THE FOLLOWING

a) THE NAME "ALLISON" FOLLOWED BY THE TOOL NUMBER AND LAST CHANGE LETTER

b) VENDOR NAME OR TRADE MARK.

2	1	SOCKET	5579	56401000000000000000	SWAP-ON-TOOL	58
1	1	WRENCH	5579	06K1208 (1/8)	SWAP-ON-TOOL	H32
ITEM NO. NO. REQD		NOMENCLATURE OR DESCRIPTION	CODE IDENT	PART OF IDENTIFYING I/O	MATERIAL OR NOTES	

FOR PART IDENTIFICATION ITEM NUMBERS ARE EXPRESSED AS DASH NUMBERS IN THIS BASIC DRAWING, EXCEPT WHERE A NUMBER APPEARS IN THE PART OR IDENTIFYING NUMBER COLUMN.

ONE TIME
ONLY
4/11/07
SW
117" OK

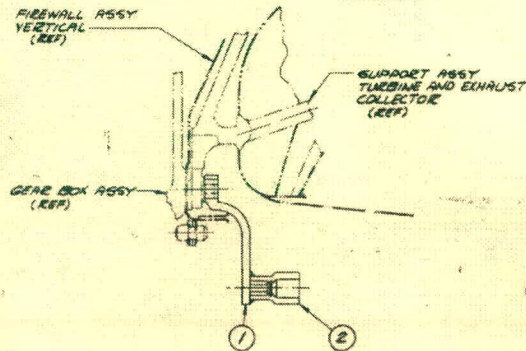
JOB NUMBER
01-5094

COPY
COPY

RELEASED FOR PRODUCTION
DATE: 10/13/106 INT: 22

This form is heretofore with the understanding that it will be used for Service, Maintenance and Overhaul purposes only and not to Manufacture or procure the Manufacture of the parts shown and/or described. The spare parts or drawings are to be maintained in the custody of the recipient and shall not be disclosed to any third party without specific written consent of the Detroit Diesel Allison Division, Inc.

6:55 PC4
1730 P114
GUEX 120B 10:00
GFS 101 5/16-64
Week 3/8 Drive



GEOMETRIC CHARACTERISTIC SYMBOLS		
	PLATED	① ON BASIC PART ONLY
	FINISHED	② ON FINISHED PART ONLY
	UNFINISHED	③ ON UNFINISHED PART ONLY
	QUALITY	④ ON PARTS DIMENSIONS OF FINISHED SIZE
	PROFILE OF A LINE	⑤ REQUESTED IN 2014
	PROFILE OF A SURFACE	⑥ IN THE TOLERANCE
	UNFINISHED SURFACE	⑦ IN THE TOLERANCE
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BREAK SHARP EDGES .020 UDS

UNLESS OTHERWISE SPECIFIED	DRAWING DATE
TOP ON ANGLES $\frac{1}{4}$ "	DRAWN BY
TOP ON DECIMALS $\frac{1}{16}$ "	CHECKED
MATERIAL	APPROVED
SEE ITEM	METAL LUMINO
	ENGR 1
HEAT TREAT AND HARDNESS	ENGR 2
	FINAL
	WELD OR BRAZ
SURFACE TREAT	INSPECTION

DRAWING PRACTICE		
SURFACE TEXTURE		
SCREW THREADS		
GENERAL SPECIFICATION		SPEC. SUMMARY
 Berkshire Capital Alliance Division of L. Capital Markets Corporation Trade Account Coordinator		
TITLE		
ADAPTER-TURQUE TURBINE ATTACH NUT, LOWER		
MODEL: 23006782 (P/N) (C/N) (S/N) SIZE: 1/2" IN. (P/N) (C/N) (S/N) D: 73342 (P/N) (C/N) (S/N) SCALE: 1" = 1" (P/N) (C/N) (S/N)		APPLICATION: 23006782 (P/N) (C/N) (S/N) SEE SEPARATE PARTS LIST
DATE: 11/11/11 (P/N) (C/N) (S/N) DRAWN BY: 11/11/11 (P/N) (C/N) (S/N)		SHEET: 1 (P/N) (C/N) (S/N)

Rolt Rayce



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO041693**

Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

PO No: PO041693
PO Date: 11/12/18
Due Date: 11/15/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Phone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pynt Terms: Net 60
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1		RB23006782	Adapter, Torque Turbine Attach Lower Nut -Issue P/O to Groupe Altech: P/O _____ -Zinc plate, ASTM B633 TYPE 2 SC2 -Color YELLOW -Certificate of Conformity is required	Firmed	-	11/15/18	5 pcs	0 pcs	5 pcs	\$18.00/pcs	\$90.00

S X NOV 14 2018

DAS
38
9-89

Line Item Note: ** Can we have this back for the 15 of November?**

Grand Total: \$90.00

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retension of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 11/12/18 1:22 PM dart.tsimiklis.chrisoula



Certificat de Conformité / Certificate of Compliance

(014352-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

014352 - 1

Livré à / Ship to

DART AEROSPACE LTD

1270 ABERDEEN STREET

HAWKESBURY, ON, K6A1K7

CANADA

Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD

1270 ABERDEEN STREET

HAWKESBURY, ON, K6A1K7

CANADA

BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.					
14-Nov-2018		Aman		041693 ✓					
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order	
1	RB23006782 ✓ Rev.	RB23006782 STRIP 01 -ZINC-YELLOW [ZINC YELLOW] OLD YELLOW CHROMATE, 96 hours ASTM B633 TYPE 2 SC2	ZINC CH	5	5 ✓	0	0	0	

Notes Additionnelles / Additional Notes

RUSH ASAP 11/15/2018

Epaisseur réelle
Actual Thickness
Inspecteur Qualité
Quality Inspector
Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.

0740
38
DVS